

Notice of Allowability

Application No.

09/991,048

Examiner

Baoquoc N. To

Applicant(s)

TRIBBLE ET AL.

Art Unit

2162

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to ____.
2. ☒ The allowed claim(s) is/are 1-30.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. ____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: ____.

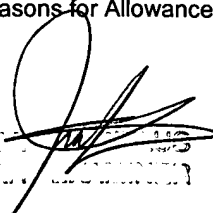
Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date ____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date ____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date ____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413), Paper No./Mail Date 03/16/2006.
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other ____.


Baoquoc N. To
Examiner

DETAILED ACTION

1. Claims 1-30 are pending in this application.

EXAMINER'S AMENDMENT

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with David Leason, Reg. No. 36,195 on 03/16/2006.

Please amend the applicant as follow:

1. (Currently Amended) A computer-implemented method for selectively trapping output streams containing one or more medication data intended for a pharmacy, comprising the steps of:

(A) trapping a printer output stream of an order entry system, the printer output stream identifying a source of the printer output stream;

(B) parsing the output stream for prescribed information in accordance with a set of configuration rules associated with the source;

(C) testing the parsed output stream against an order database to determine suitability of the medication data therein for automated handling by a medication preparation system associated with the pharmacy;

(D) using the medication preparation system, preparing one or more medications corresponding to the one or more medication data determined to be suitable; and

(E) releasing only those portions of the output stream that are not suitable, the released output stream being printed for manual handling; and

(F) populating a data structure with data parsed from the printer output stream in accordance with the set of configuration rules.

3. (Currently Amended) The method of claim 1, wherein the printer output stream identifies a particular listener software module ("LSM"), ~~and wherein the parsing step comprising parsing the printer output stream in accordance with a set of configuration rules.~~

4. (Currently amended) The method of claim 3, wherein the source is the particular LSM and wherein including the ~~additional~~ step of populating the a data structure with data parsed from the printer output stream is in accordance with the set of configuration rules for the particular LSM.

20. (Currently Amended) A computer system including software loaded into a memory of one more machines executable by one or more processors to support of serial data stream management, A serial data interface, comprising:

(a) at least one listener software module ("LSM") executing on a first machine, the LSM receiving serial data streams containing one or more medication data from a port of the first machine;

(b) a parser software module ("PSM") communicatively connectable to the LSM and executing on a second machine, the PSM processing the serial data streams received from the LSM to extract the one or more medication data therefrom and populate a data structure therewith; and

(c) a set of configuration rules accessible by the PSM, the set of configuration rules defining the manner of processing by the PSM on the serial data streams from a prescribed LSM,

wherein the PSM is configured to determine suitability for handling of drug orders by an automated medication preparation system with reference to an order database, and

wherein the data structure enables data handling and preparation of one or more medications by the an automated medication preparation system.

Allowable Subject Matter

3. Claims 1-30 are allowable over prior art made of records.

The following is a statement of reasons for the indication of allowable subject matter:

As to claim 1, none of the known prior art alone or in combination either teach or suggest "(C) testing the parsed output stream against an order database to determine suitability of the medication data therein for automated handling by a medication preparation system associated with the pharmacy; (D) using the medication preparation system, preparing one or more medications corresponding to the one or more medication data determined to be suitable; (E) releasing only those portions of the output stream that are not suitable, the released output stream being printed for manual handling; and (F) populating a data structure with data parsed from the printer output stream in accordance with the set of configuration rules." In conjunction with "(A) trapping a printer output stream of an order entry system, the printer output stream identifying a source of the printer output stream; (B) parsing the output stream for prescribed information in accordance with a set of configuration rules associated with the source."

Claims 2-19 are depended on claim 1; therefore, claims 2-19 are allowable under the same reason as to claim 1.

Claim 20 is computer system executable by a one or more processor to implementing the method recited in claim 1. Claim 20 is allowable under the same reason as to claim 1.

Claims 21-30 are depended on claim 20; therefore, claims 21-30 are allowable under the same reason as to claim 20.

Conclusion

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Patent and Pub:

Eke	(US. Pub. No. 2002/0188467 A1)	Pub date: 12/12/2002.
Marks	(US. Pub. No. 2003/0033532 A1)	Pub date: 02/13/2003.
Kost et al.	(US. Pub. No. 2004/0236630 A1)	Pub date: 11/25/2001.
Chudy et al.	(US. Pub. No. 2004/0088187 A1)	Pub date: 05/06/2004.
Spauding et al.	(US. Patent No. 5,337,919)	Patent date: 08/16/1994.
Boyer et al.	(US. Patent No. 6,202,923 B1)	Patent date: 03/20/2001.

NPL :

Ateniese et al. Anonymous E-Prescriptions, Workshop On Privacy In The Electronic Society, Proceeding of the 2002 ACM workshop on Privacy in the Electronic Society, 2002, pages 19-31.

Contact Information

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Baoquoc N. To whose telephone number is at 571-272-4041 or via e-mail BaoquocN.To@uspto.gov. The examiner can normally be reached on Monday-Friday: 8:00 AM – 4:30 PM, EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Breene can be reached at 571-272-4107.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-3900.

Any response to this action should be mailed to:

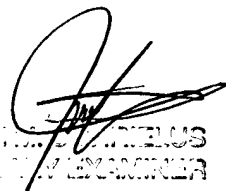
Commissioner of Patents and Trademarks
Washington, D.C. 20231.

The fax numbers for the organization where this application or proceeding is assigned are as follow:

(571) –273-8300 [Official Communication]

BQ To

March 17th, 2006



BAOQUOC N. TO
EXAMINER